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10/627,934

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*** YOU HAVE NEW MAIL ***

=> s synthesi? (7a) sil?
L1 43385 SYNTHESI? (7A) SIL?

=> s 11 and dihalosil?
L2 56 L1 AND DIHALOSIL?

=> s 12 and monohalosil?
L3 6 L2 AND MONOHALOSIL?

=> dup rem 13
PROCESSING COMPLETED FOR L3
L4 6 DUP REM L3 (0 DUPLICATES REMOVED)

=> d 14 bib abs 1-6

L4 ANSWER 1 OF 6 USPATFULL on STN
AN 2004:39628 USPATFULL
TI Poly(ethylene phenylene ethynylene silylenes) comprising an inert spacer
and methods for preparing same
IN Levassort, Christian, Tours, FRANCE
Jousse, Franck, Tours, FRANCE
Delnaud, Laurent, Ballan, FRANCE
Buvat, Pierrick, Nontbazon, FRANCE
PI US 2004030170 A1 20040212
AI US 2003-415644 A1 20030501 (10)
WO 2001-FR3497 20011109
PRAI FR 2000-14459 20001110
DT Utility
FS APPLICATION
LREP Burns Doane, Swecker & Mathis, Suite 400, 1737 King Street, Alexandria,
VA, 22314-2727
CLMN Number of Claims: 33
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 1036

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The invention concerns poly(ethylene phenylene ethynylene silylene) polymers comprising an inert spacer in the main chain of the polymer. The invention also concerns methods for preparing said polymers and hardened products obtainable by heat treatment of said polymers. The inventive polymers can in particular be used in matrices for composites.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 2 OF 6 USPATFULL on STN
AN 2004:32021 USPATFULL
TI Poly (ethynylene phenylene ethynylene polysiloxene (silylene) s) and
methods for preparing same
IN Levassort, Christian, Tours, FRANCE

Yousse, Franck, Tours, FRANCE
Delnaud, Laurent, Ballan Mire, FRANCE
Buvat, Pierrick, Montbazon, FRANCE
PI US 2004024163 A1 20040205
AI US 2003-415340 A1 20030502 (10)
WO 2001-FR3493 20011109
PRAI FR 2000-14460 20001110
DT Utility
FS APPLICATION
LREP OBLON, SPIVAK, MCQUELLAND, MAIER & NEUSTADT, P.C., 1940 DUKE STREET,
ALEXANDRIA, VA, 22314
CLMN Number of Claims: 23
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 924

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Heat-stable poly(ethynylene phenylene ethynylene polysiloxene(silylene)) polymers preferably of determined molecular mass, optionally bearing at the end of the chain groups derived from a chain-limiting agent.

Processes for preparing these polymers, cured products obtained by heat-treating these polymers, and composite matrices comprising these polymers.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 3 OF 6 USPATFULL on STN
AN 2004:59941 USPATFULL
TI Poly (ethynylene phenylene ethynylene silylene)s and method for preparation thereof
IN Buvat, Pierrick, Montbazon, FRANCE
Levassort, Christian, Tours, FRANCE
Jousse, Franck, Tours, FRANCE
PA Commissariat a L' Energie Atomique, Paris, FRANCE (non-U.S. corporation)
PI US 6703519 B1 20040309
WO 2001019899 20010322
AI US 2002-88167 20020315 (10)
WO 2000-FR2562 20000915
PRAI FR 1999-11583 19990916
DT Utility
FS GRANTED
EXNAM Primary Examiner: Barts, Samuel
LREP Burns, Doane, Swecker & Mathis, L.L.P.
CLMN Number of Claims: 23
ECL Exemplary Claim: 1
DRWN 1 Drawing Figure(s); 1 Drawing Page(s)
LN.CNT 879

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Heat stable poly(ethynylene phenylene ethynylene silylene) polymers with a determined molecular weight bearing at the chain end, groups derived from a chain limiter.

Methods for preparing these polymers, hardened products obtained by heat treatment of these polymers, and matrices for composites comprising these polymers.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 4 OF 6 USPATFULL on STN
AN 2000:4902 USPATFULL
TI Sheet and tube polymers with pendant siloxane groups
IN Burns, Gary Thomas, Chain, Belgium
Chao, Timothy Chi-Shan, Midland, MI, United States
Jallooli, Aref Ben Ahmed, Midland, MI, United States
Katsoulis, Dimitris Elias, Midland, MI, United States
PA Dow Corning Corporation, Midland, MI, United States (U.S. corporation)
Virginia Institute and State University, Blacksburg, VA, United States (U.S. corporation)

PI US 6013740 20000111
AI US 1998-140902 19980827 (9)
DT Utility
FS Granted
EXNAM Primary Examiner: Moore, Margaret G.
LREP De Cesare, James L.
CLMN Number of Claims: 7
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 569

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Polysiloxane sheet or tube polymers having pendant siloxane groups are prepared by contacting sheet or tube silicates with halogen endblocked halosiloxanes represented by the formula: ##STR1## where X is chlorine, fluorine, bromine, or iodine; R1 to R7 are alkyl groups with 1-6 carbon atoms, aryl groups, alkaryl groups, or aralkyl groups; in which one of the groups R1, R4, and R5 can additionally represent X; and n has a value of 2 to about 20.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 5 OF 6 USPATFULL on STN
AN 77:52594 USPATFULL
TI Intermediates for preparing cephalosporins
IN Robinson, Charles A., West Chester, PA, United States
PA American Home Products Corporation (Del.), New York, NY, United States (U.S. corporation)
PI US 4051131 19770927
AI US 1976-669135 19760322 (5)
RLI Division of Ser. No. US 1972-310511, filed on 29 Nov 1972, now patented, Pat. No. US 3965098
DT Utility
FS Granted
EXNAM Primary Examiner: Rizzo, Nicholas S.
LREP Venetianer, Stephen
CLMN Number of Claims: 7
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 437

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB $\Delta^{\text{sup.3}}$ -Cephalosporins are prepared by reacting novel diorganodihalosilane or monorganodihalosilane derivatives of 7-aminocephalosporanic acid ("7ACA") and 7-amino-desacetoxycephalosporanic acid ("7ADCA") with known acylating agents followed by hydrolysis or alcoholysis to produce $\Delta^{\text{sup.3}}$ -cephalosporins with useful antibiotic activity. The dialkyldihalosilane derivatives are prepared by adding a base such as triethylamine slowly to a mixture of 7ACA or 7ADCA and a dialkyldihalosilane.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 6 OF 6 USPATFULL on STN
AN 76:35015 USPATFULL
TI Intermediates for preparing cephalosporins and methods of production
IN Robinson, Charles A., West Chester, PA, United States
PA American Home Products Corporation, New York, NY, United States (U.S. corporation)
PI US 3965098 19760622
AI US 1972-310511 19721129 (5)
DT Utility
FS Granted
EXNAM Primary Examiner: Rizzo, Nicholas S.
LREP Venetianer, Stephen
CLMN Number of Claims: 13
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 448

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Δ .sup.3 -CEPHALOSPORINS ARE PREPARED BY REACTING NOVEL DIORGANODIHALOSILANE OR MONORGANODIHALOSILANE DERIVATIVES OF 7-AMINOCEPHALOSPORANIC ACID ("7ACA") and 7-amino-desacetoxycephalosporanic acid ("7ADCA") with known acylating agents followed by hydrolysis or alcoholysis to produce Δ .sup.3 -cephalosporins with useful antibiotic activity. The dialkyldihalosilane derivatives are prepared by adding a base such as triethylamine slowly to a mixture of 7ACA or 7ADCA and a dialkyldihalosilane.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.